

LOAD BEARING SURFACE

Bd

12" Bc 12"

12" MIN.

VARIES OVER 4 FEET

12" ABOVE TOP OF PIPE

6" SUBGRADE COMPACTED TO 95% ASTM D-698

BACKFILL TRENCH IN 6" LIFTS WITH APPROVED SELECT OR GRANULAR MATERIAL COMPACTED TO 90% STANDARD PROCTOR DENSITY

MIDPOINT OF PIPE

6"



300 PSI FLOWABLE FILL OR PORTLAND CEMENT STABILIZED SAND (1.5 SACS/TON MAX) MECHANICALLY COMPACTED IN 6" LIFTS TO 95% ASTM D-698 FOR ALL PIPE UNDER AND WITHIN 5 LINEAR FEET OF CROSSING A LOAD BEARING SURFACE

GRANULAR MATERIAL—SEC 2.1.8.B OR FINE CRUSHED ROCK—SEC 2.1.8.A COMPACTED TO 95% OF STANDARD PROCTOR DENSITY

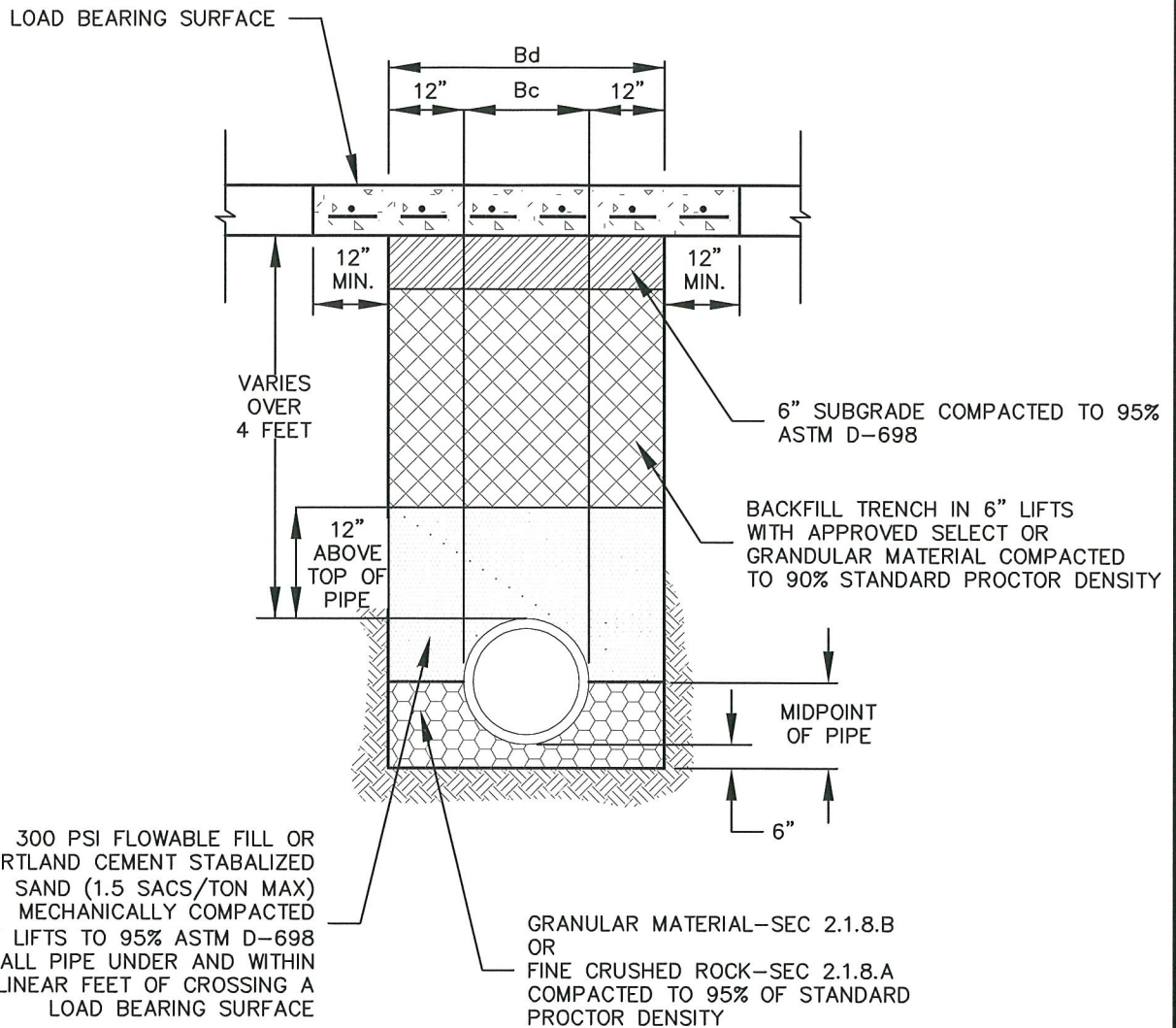
NOT TO SCALE

GENERAL NOTES:

1. Bc = OUTSIDE DIAMETER OF PIPE.
2. Bd = TRENCH WIDTH
3. CONTRACTOR SHALL USE TEMPLATE TO SECURE REASONABLY ACCURATE SHAPING OF THE FOUNDATION MATERIAL.
4. CRUSHED ROCK PIPE EMBEDMENT MUST BE USED WHEN GROUND WATER IS ENCOUNTERED IN THE TRENCH.
5. PIPE WITHIN 5 LINEAR FEET OF LOAD BEARING SURFACE (PARALLEL TO SURFACE) SHALL UTILIZE FLOWABLE FILL OR CEMENT STABILIZED SAND TO 12 INCHES ABOVE TOP OF PIPE.

	FEB 06		3011-00		CITY OF WICHITA FALLS, TX	
	DATE DRAWN		STANDARD DRAWING NO.		LOAD BEARING UTILITY INSTALLATION OVER 4 FEET DEEP	
						APPROVED
						
						CITY ENGINEER
						FEB 2006
						DATE



3011-UtilCutConcreteOver4			
ACAD DRAWING NAME			
NO.	DATE	DESCRIPTION	BY
R	E	V	I
S	I	O	N
S			



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